

## ABSTRACT

An outboard motor water-cooled vertical engine is provided in which a crankshaft is disposed substantially vertically, a timing chain for transmitting a driving force of the crankshaft to a camshaft is disposed in an upper part of the cylinder block and a cylinder head, and an upper part of the timing chain is covered with a chain cover. Provided in the chain cover are thermostats for controlling the flow of cooling water in a cylinder block cooling water jacket and a cylinder head cooling water jacket. Therefore, the thermostats can be accessed from the top of the engine for maintenance without being obstructed by the timing chain, and moreover it is easy to manipulate a drain pipe for discharging cooling water from the thermostats.